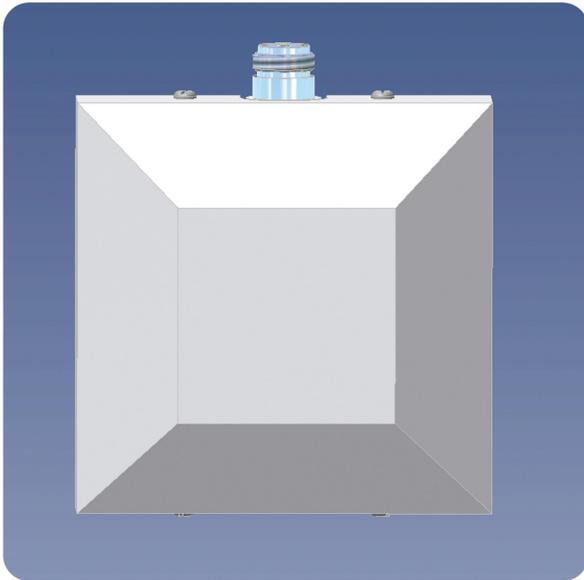


# PCPI GPS

Indoor Right Hand Circularly Polarized Patch Antenna for mounting on Wall or Ceiling

## DESCRIPTION

- Low profile antenna for the GPS band.
- PCPI GPS is a Right Hand Circularly Polarized patch antenna for indoor use.
- Circularly polarized antenna is chosen to avoid out-of-phase signals.
- Specially designed for closed rooms.
- Covers the GPS frequency 1575 MHz with a radiation of approx. 5 dBic 3 dBd.
- Full size  $2\lambda$  circular patch antenna.
- The antenna is carefully sealed with a discreet white cover.
- The connector is placed at one side to enable mounting close to a wall or a ceiling.



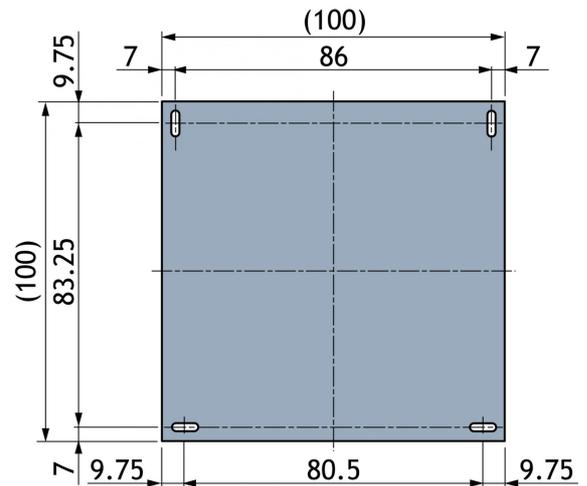
## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
PCPI GPS	10200001

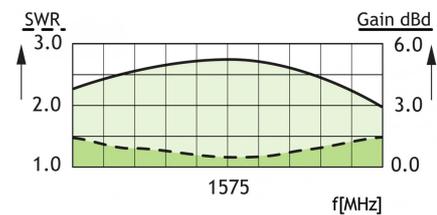
## SPECIFICATIONS

ELECTRICAL	
MODEL	PCPI GPS
ANTENNA TYPE	Right Hand Circularly Polarized patch antenna
FREQUENCY	1575 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Circular
GAIN	Approx. 5 dBic 3 dBd $\pm 2$ dB
HALF-POWER BEAMWIDTH	Approx. 70° (H- and E-plane)
SWR	$\leq 1.5$ f.res.
MAX. POWER	50 W
MECHANICAL	
CONNECTOR	N-female
COLOUR	Marine white
MATERIALS	Cover: PS Chassis: Aluminium
SIZE (L x W x H)	Approx. 104 x 104 x 40 mm
WEIGHT	Approx. 0.4 kg
MOUNTING	For mounting on wall or ceiling $\varnothing 4.5 \times 10$ mm (4 holes)

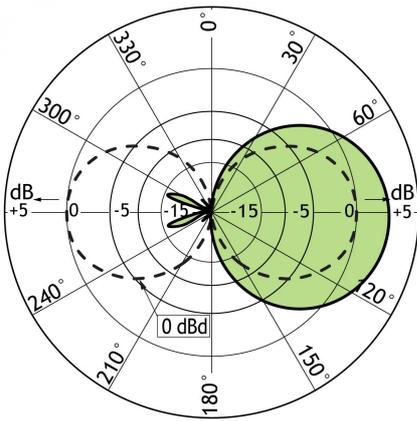
## MOUNTING DETAILS (Dimensions excl. cover)



## TYPICAL GAIN AND SWR CURVES

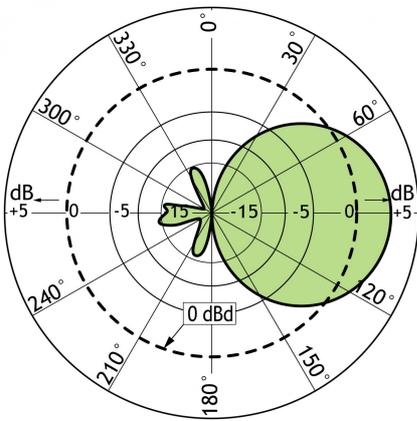


TYPICAL RADIATION PATTERN (E-PLANE)



This curve shows the radiation patterns in the vertical plane.

TYPICAL RADIATION PATTERN (H-PLANE)



This curve shows the radiation patterns in the horizontal plane (horizontal coverage).



PROCOM A/S reserve the right to amend specifications without prior notice.

02/12/11